

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

19 Jun 2026

### The effect of education through game on learning about signs and traffic in elementary students

#### Protocol summary

##### Summary

Objective: This study aims to influence learning through play to learn the signs and traffic regulations in elementary students in the city of Shiraz. This study will be a clinical trial conducted on 66 students over 7 years. It will run for 12 months. It will be a clinical trial, not blinded, not placebo-controlled, and parallel to the companies. By way of sampling, participants were randomly selected and divided into two groups of 33 people each. Based on learning intervention, signs and traffic regulations will be carried. Here's how: First, a research questionnaire tool was made using the knowledge of signs and traffic regulations. The results of the test, the case and control groups, the educational program that we run here are for educational games. After the test in two weeks, we especially compared results in the two groups. Participants in the study inclusion criteria: students 7 to 12 years old and would like to participate in the study. Exclusion criteria: Participants: unwillingness to participate in the study. Interventions include an educational program based on educational games to learn the signs and traffic regulations and will run for two weeks. The main outcome variables included raising awareness of signs and traffic regulations.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2015081223572N1**  
Registration date: **2015-10-05, 1394/07/13**  
Registration timing: **prospective**

Last update:

Update count: **0**

##### Registration date

2015-10-05, 1394/07/13

#### Registrant information

##### Name

Nasim Mirzaei

##### Name of organization / entity

Tehran - Iran University of Medical Science

##### Country

Iran (Islamic Republic of)

##### Phone

+98 917 304 9587

##### Email address

mirzayi.n@tak.iums.ac.ir

#### Recruitment status

##### Recruitment complete

#### Funding source

Vice chancellor for research, Iran University of Medical Sciences

#### Expected recruitment start date

2016-03-19, 1394/12/29

#### Expected recruitment end date

2017-03-20, 1395/12/30

#### Actual recruitment start date

empty

#### Actual recruitment end date

empty

#### Trial completion date

empty

#### Scientific title

The effect of education through game on learning about signs and traffic in elementary students

#### Public title

The effect of education games on learning of signs and regulation of traffic

#### Purpose

Health service research

#### Inclusion/Exclusion criteria

Inclusion criteria for the project: The students will be interested in research. Exclusion criteria to the project: Students who are not interested in research.

**Age**

From **7 years** old to **12 years** old

**Gender**

Both

**Phase**

N/A

**Groups that have been masked**

*No information*

**Sample size**

Target sample size: **66**

**Randomization (investigator's opinion)**

Randomized

**Randomization description****Blinding (investigator's opinion)**

Not blinded

**Blinding description****Placebo**

Not used

**Assignment**

Parallel

**Other design features****Secondary Ids**

empty

**Ethics committees****1****Ethics committee****Name of ethics committee**

Ethics committee of Iran University of Medical Sciences

**Street address**

Iran University of Medical Sciences, Hemmat freeway, next to Milad tower Tehran, Iran

**City**

Tehran

**Postal code****Approval date**

2015-08-04, 1394/05/13

**Ethics committee reference number**

IR.IUMS.REC.1394 .25546

**Health conditions studied****1****Description of health condition studied**

Learn the signs and traffic regulation

**ICD-10 code****ICD-10 code description****Primary outcomes****1****Description**

Awareness

**Timepoint**

Before the intervention, Immediately after the intervention-Two months after the intervention

**Method of measurement**

Questionnaire

**Secondary outcomes**

empty

**Intervention groups****1****Description**

In control group did not any intervention

**Category**

Other

**2****Description**

Interventions will apply only to intervention group. The intervention is designed to run training game. The content of the training program includes identifying symptoms Vtablvhay driving, knowledge of driving rules and traffic laws and respect Bashd.nhvh guide will be applicable only for groups. In two 45-minute training session on the basis of the strategy implemented adult education and training will play method. None of this training will be implemented for the control group. Immediately and two months later all of the questionnaires will be completed by the two groups

**Category**

Other

**Recruitment centers****1****Recruitment center****Name of recruitment center**

Elementry schools centers of Shiraz

**Full name of responsible person**

Nasim Mirzaei

**Street address****City**

Shiraz

**Sponsors / Funding sources****1****Sponsor****Name of organization / entity**

Vice chancellor for research, Iran University of Medical Sciences

**Full name of responsible person**

Mohammad Reza Vafa

**Street address**

Iran University of Medical Science, Hemmat freeway, next to Milad tower Tehran, Iran

**City**

Tehran

**Grant name**

**Grant code / Reference number**

**Is the source of funding the same sponsor organization/entity?**

Yes

**Title of funding source**

Vice chancellor for research, Iran University of Medical Sciences

**Proportion provided by this source**

100

**Public or private sector**

*empty*

**Domestic or foreign origin**

*empty*

**Category of foreign source of funding**

*empty*

**Country of origin**

**Type of organization providing the funding**

*empty*

**Person responsible for general inquiries**

**Contact**

**Name of organization / entity**

mirzaei.n@tak.iums.ac.ir

**Full name of responsible person**

Nasim Mirzaei

**Position**

PhD student of education and health promotion OF Iran University of Medical Sciences

**Other areas of specialty/work**

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Tehran-Iran University of Medical Sciences Student Research Committee

**City**

Tehran

**Postal code**

**Phone**

**Fax**

**Email**

**Web page address**

**Sharing plan**

**Deidentified Individual Participant Data Set (IPD)**

*empty*

**Study Protocol**

*empty*

**Statistical Analysis Plan**

*empty*

**Informed Consent Form**

*empty*

**Clinical Study Report**

*empty*

**Analytic Code**

*empty*

**Data Dictionary**

*empty*